

Polarization Maintaining Filter Coupler Module (1x4 / 1x8)

Features

Low Excess Loss
 Low WDL
 Low Uniformity

Applications

PM Sensors
 Amplifiers
 Lasers

Specifications

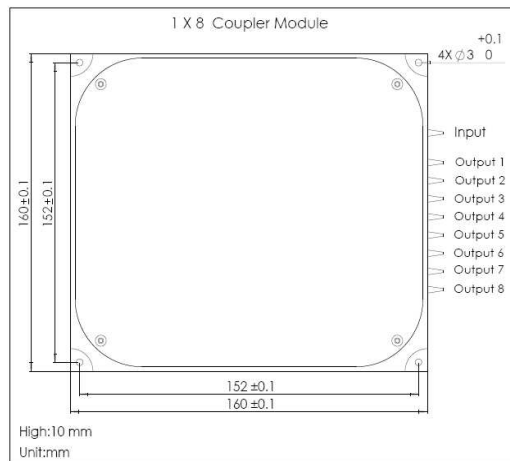
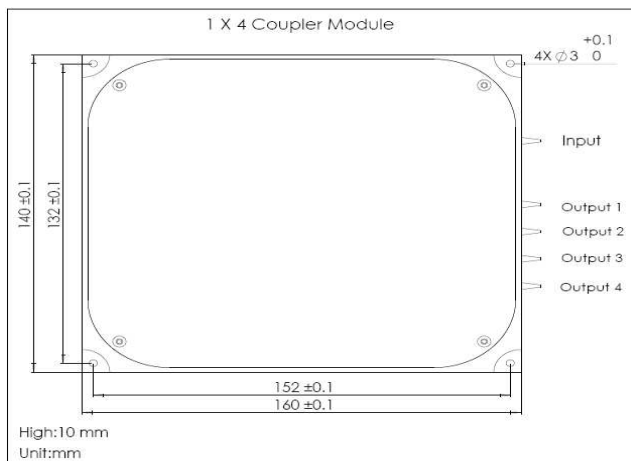
Parameters	Unit	1x4	1x8
Center Wavelength	nm	1064	1064
Operating Wavelength Range	nm	+/-30	+/-30
Insertion Loss	dB	≤8, Typ. 7.5	≤11.5, Typ. 11
Wavelength Dependent Loss	dB	≤0.5, Typ. 0.3	≤0.5, Typ. 0.3
Ports IL Uniformity	dB	≤0.8	≤1.0
Return Loss	dB	≥50	≥50
Directivity	dB	≥50	≥45
Extinction Ratio(only for B Type)	dB	≥20	≥17
Extinction Ratio(only for F Type)	dB	≥23	≥23
Polarization Dependent Loss(only for B Type)	dB	≤0.1	≤0.15
Temperature Dependent Loss	dB/°C	≤0.006	≤0.008
Fiber Type		PM Panda Fiber	PM Panda Fiber
Operating Temperature	°C	-5 to+70	-5 to+70
Storage Temperature	°C	-40 to +85	-40 to +85
Package Dimensions	mm	160*140*10	160*160*10

*Above specifications are for module without connector.

*For modules with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower.

*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions



Ordering Information

PMFCM-①①-②②②②-③③-④-⑤-⑥-⑦

①①: Center Wavelength
 06 - 1064nm

②②②②: Ports Configuration
 0104 - 1x4
 0108 - 1x8

③③: Splitting Ratio
 BA - Balance
 SS - Specify

④: Working Axis
 F - Fast Axis Blocked
 B - Both Axis Working

⑤: Connector Type
 1 - FC/UPC
 2 - FC/APC
 3 - SC/UPC
 4 - SC/APC
 N - None
 S - Specify

⑥: Fiber Type
 L - 900um Loose Tube
 C - 3mm Loose Cable
 S - Specify

⑦: Fiber Length
 0.5 - 0.5m
 S - Specify